

DENSITRON

FSTN Colour LCD



The Affordable Colour Display Solution

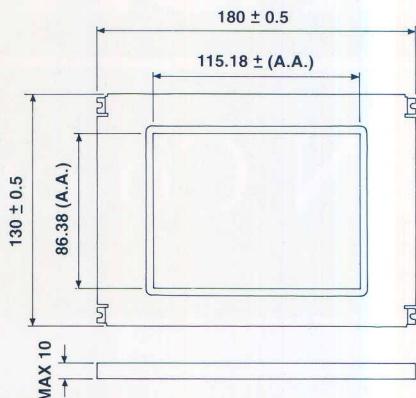
Densitron's range of passive matrix colour liquid crystal displays provide the user with a cost effective solution for applications requiring a high contrast colour flat panel display. Utilization of the latest film supertwist technology has ensured not only excellent colour saturation and high brightness but minimal power consumption, making the units ideal for portable equipment. The range features screen sizes of 9.4 inch and 8.2 inch for 480 x 640 dot resolution displays and for applications requiring a more compact solution a 5.8 inch screen is available with a resolution of 240 x 320 dots.

For "a total display solution" all the displays can be run with Densitron's PCX 35 VGA graphics controller card allowing quick and simple installation into your PC based system.

Specifications & Dimensions

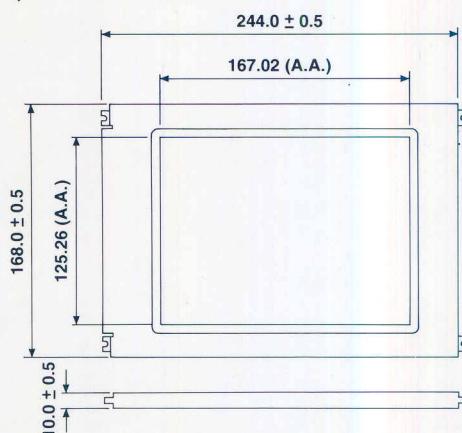
LMG8382E-DF ● Compact 5.7 inch diagonal screen size ● Low power consumption

ITEM	SPECIFICATIONS
Module dimensions (WxHxT)	180 x 130 x 10 (max) mm
Display format (WxH)	320 x R.G.B x 240 dots
Pixel pitch (WxH)	0.36 x 0.36 mm
Effective viewing area	121.5 x 92.5 mm
Duty ratio	1/240
Panel type	F-STN, Transmissive
Contrast ratio	1: 20
Supply voltage	+5V, +23V
Response time (tr + tf)	300ms
Power consumption	4.0W (including backlight)
Weight	285g
Brightness	120cd/m ²
Backlight	2 CCFTs (edge -light type)
Inverter (external)	DAS 12F57



LMG8326E-DF ● 8.2 inch diagonal screen ● Low power consumption

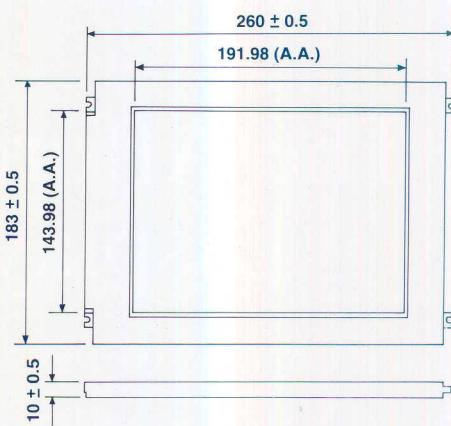
ITEM	SPECIFICATIONS
Module dimensions (WxHxT)	244 x 168 x 10.5 (max) mm
Display format (WxH)	640 x R.G.B x 480 dots
Pixel pitch (WxH)	0.261 x 0.261 mm
Effective viewing area	172 x 130 mm
Duty ratio	1/480
Panel type	F-STN, Transmissive
Contrast ratio	1: 15
Supply voltage	+5V, +38V
Response time (tr + tf)	350ms
Power consumption	5.3W (including backlight)
Weight	475g
Brightness	65cd/m ²
Backlight	2 CCFTs (edge -light type)
Inverter (external)	DAS 12F54



LMG8330E-DF ● 1/480 duty high contrast display ● 9.4 inch diagonal screen size

LMG8331E-DF ● 1/240 duty "super" high contrast display ● 9.4 inch diagonal screen size

ITEM	SPECIFICATIONS (LMG 8330)	SPECIFICATIONS (LMG 8331)
Module dimensions (WxHxT)	260 x 183 x 10.5 (max) mm	260 x 183 x 10.5 (max) mm
Display format (WxH)	640 x R.G.B x 480 dots	640 x R.G.B. x 480 dots
Pixel pitch (WxH)	0.30 x 0.30 mm	0.30 x 0.30 mm
Effective viewing area	197 x 147 mm	197 x 147 mm
Duty ratio	1/480	1/240
Panel type	F-STN, Transmissive	F-STN, Transmissive
Contrast ratio	1: 15	1: 20
Supply voltage	+5V, +38V	+5V, +30V
Response time (tr + tf)	350ms	300ms
Power consumption	5.3W (including backlight)	5.3W (including backlight)
Weight	560g	560g
Brightness	65cd/m ²	65cd/m ²
Backlight	2 CCFTs (edge -light type)	2 CCFTs (edge -light type)
Inverter (external)	DAS 12F54	DAS 12F54



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For full specifications and further information contact your local Densitron Sales Office.
Densitron reserve the right to change specification and information on this literature without prior notice.

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